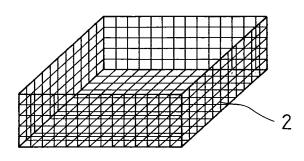
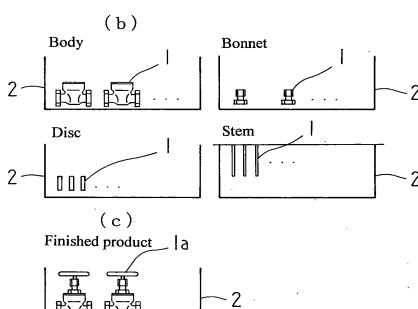
(a)





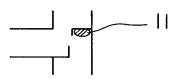
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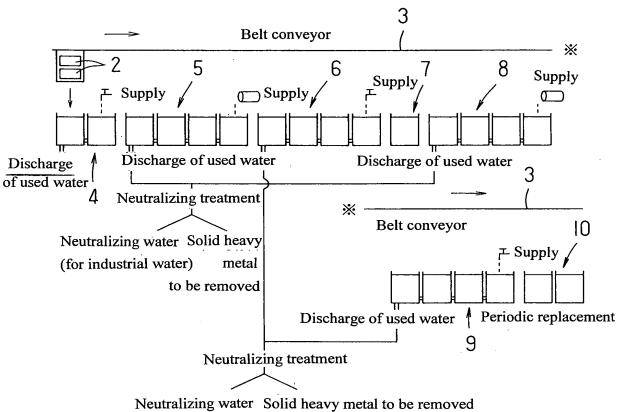
FIG.2

(a) Way of setting to avoid formation of an air pocket

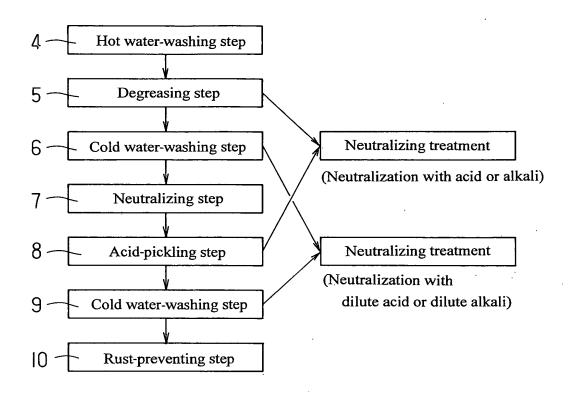


(b) Way of setting to suffer formation of an air pocket





Neutralizing water Solid heavy metal to be removed (for industrial water)



Relation between duration of treatment and temperature of treatment

Y Duration of treatment

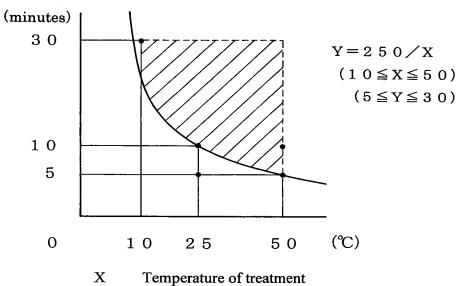
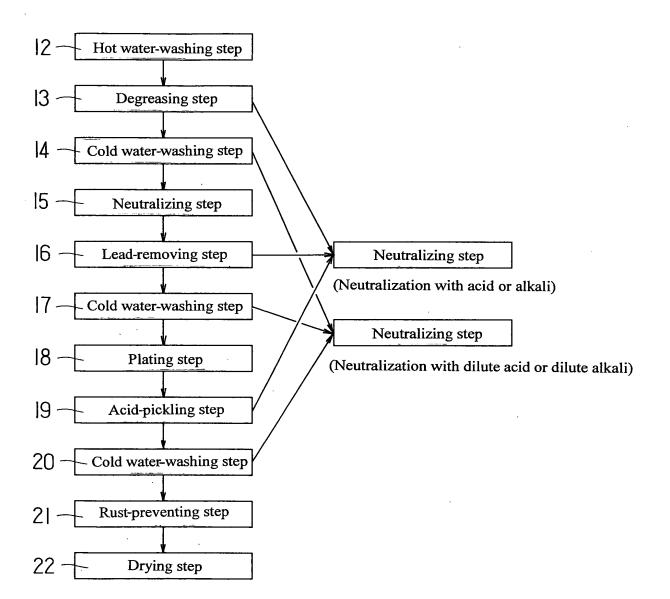


FIG.6



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FIG.7

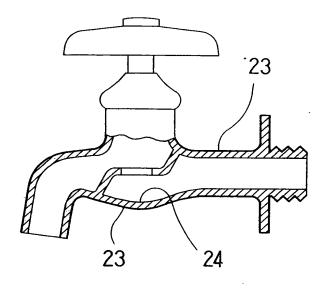
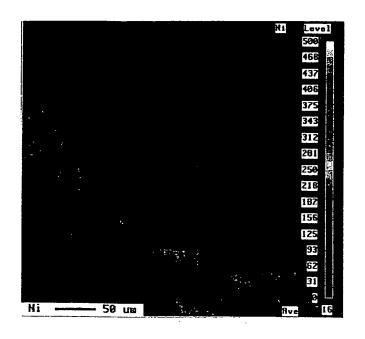


FIG.8



BEST AVAILABLE COPY

FIG.9

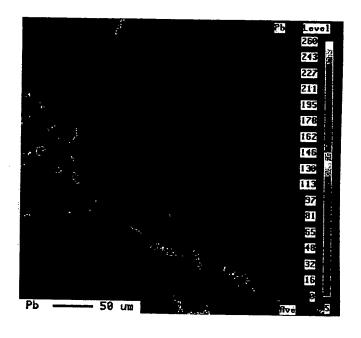


FIG.10

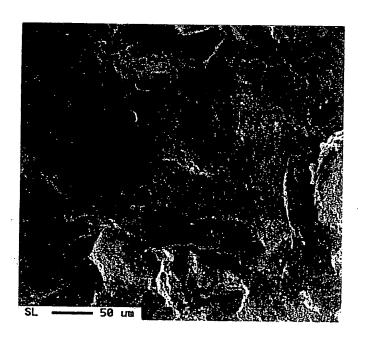


FIG.11

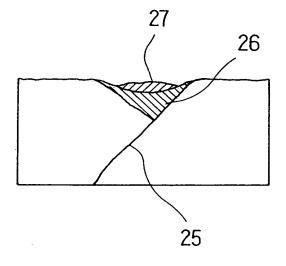
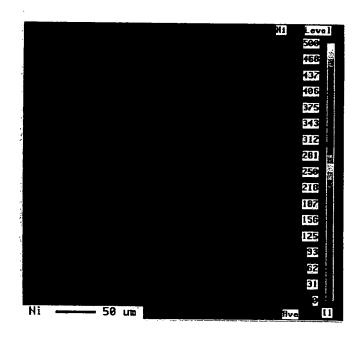


FIG.12



BEST AVAILABLE COPY

FIG.13

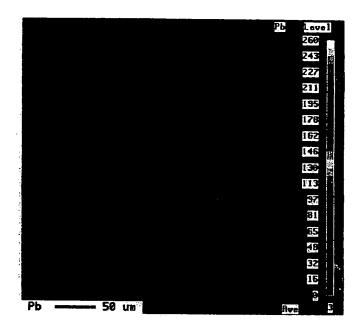


FIG.14

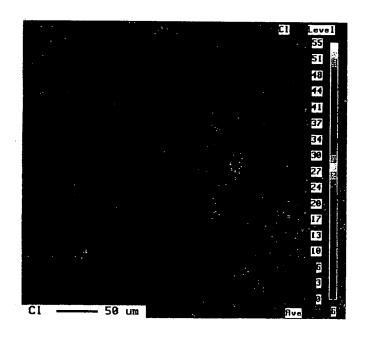


FIG.15

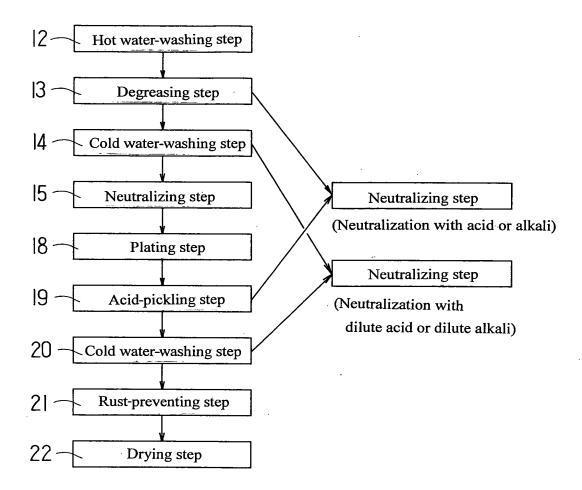
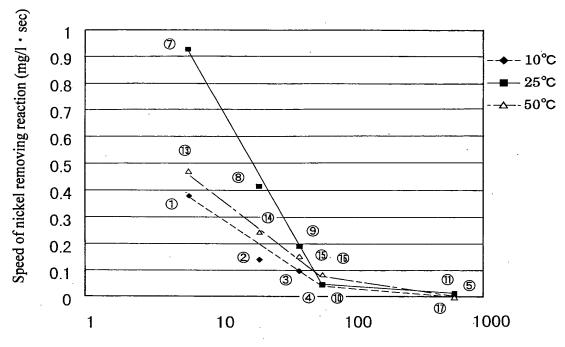


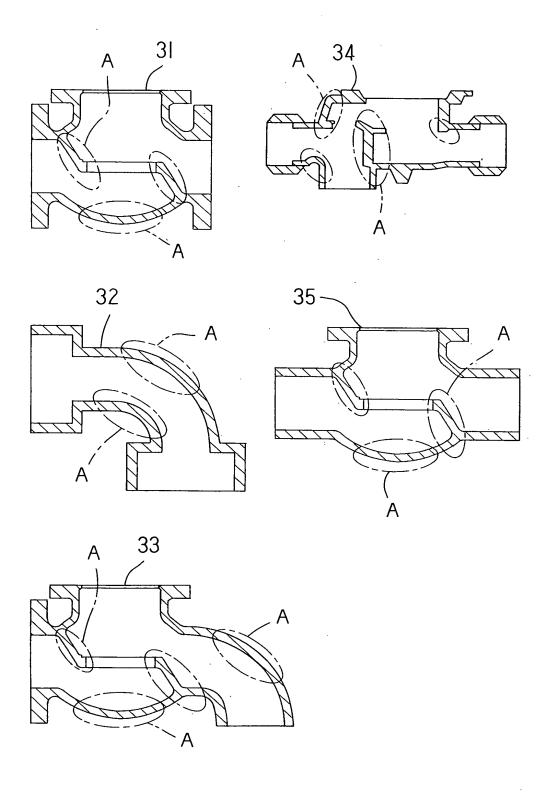
FIG.16

Speed of nickel-removing reaction



Duration of acid pickling (seconds)

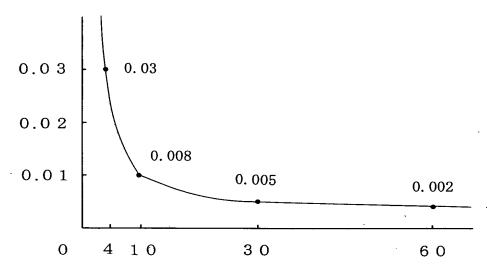
FIG.17



	Water meter		valve	Decompression			Faucet	soft seat valve	seat surface	Elbow and				valve	metal touch	Seat surface		
	Casting			Casting			Casting			Casting	Step 1					Casting	Step 1	
	Machining Chemical			Machining			Machining Chemical			Machining Chemical	Step 2		ı		polishing	Chemical	Step 2	
Polishing	Chemical		Polishing	Chemical		Polishing	Chemical		Polishing	Chemical	Step 3			washing	water	Cold	Step 3	
water washing	Cold	washing	water	Cold	washing	water	Cold	washing	water	Cold	Step 4					Machining	Step 4	
pickling	Acid		pickling	Acid		pickling	Acid		pickling	Acid	Step 5	Sur				Machining Degreasing	Step 5	
water washing	Cold	washing	water	Cold	washing	water	Cold	washing	water	Cold	Step 6	Surface treatment		washing	water	Cold	Step 6	Sui
preventing			preventing	Rust		preventing	Rust		preventing	Rust	Step 7	ent			pickling	Acid	Step 7	Surface treatment
plating	Nickel	plating	chromium	Nickel	surface	outer	Buffing of	plating	chromium	Nickel	Step 8		ļ	washing	water		Step 8	ent
						plating	Chromium				Step 9				preventing	Rust Nick	Step 9	
														plati	chrc	Nick	Ste	

Amount of lead eluated(mg/l)

(Corrected value)



Duration of chemical polishing (seconds)

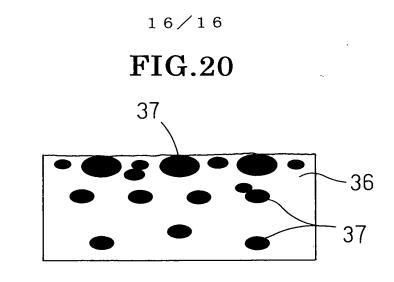


FIG.21

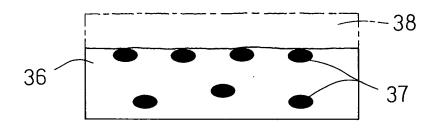


FIG.22

